

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the applications:

Listing of Claims:

1-11. (Canceled)

12. (New) A method of treating essential tremor in a subject in need thereof comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition comprising zonisamide or a pharmaceutically acceptable salt thereof.

13. (New) The method of claim 12, wherein the essential tremor is severe essential tremor.

14. (New) The method of claim 12, wherein the therapeutically effective amount is in the range of about 0.5 mg/kg/day to about 10 mg/kg/day.

15. (New) The method of claim 12, wherein the pharmaceutical composition is administered orally to the subject.

16. (New) The method of claim 12, wherein the pharmaceutical composition is administered parenterally to the subject.

17. (New) The method of claim 16, wherein the pharmaceutical composition is a sterile solution comprising zonisamide sodium.

18. (New) The method of claim 16, wherein the pharmaceutical composition is administered intravenously, subcutaneously, or intramuscularly.

19. (New) The method of claim 12, further comprising administering another therapeutic agent used to treat essential tremor.

20. (New) The method of claim 12, further comprising administering propranolol, timolol, alprazolam, clonazepam, diazepam, lorazepam, trazadone, mirtazapine, clonidine, a botulinum toxin injection, gabapentin, primidone, phemobarbital or MK-801.

21. (New) A method for treating severe essential tremor in the rest state in a subject in need thereof comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition comprising zonisamide or a pharmaceutically acceptable salt thereof.

22. (New) The method of claim 21, wherein the therapeutically effective amount is in the range of about 0.5 mg/kg/day to about 10 mg/kg/day.

23. (New) The method of claim 21, wherein the pharmaceutical composition is administered orally to the subject.

24. (New) The method of claim 21, wherein the pharmaceutical composition is administered parenterally to the subject.

25. (New) The method of claim 24, wherein the pharmaceutical composition is a sterile solution comprising zonisamide sodium.

26. (New) The method of claim 24, wherein the pharmaceutical composition is administered intravenously, subcutaneously, or intramuscularly.

27. (New) The method of claim 24, further comprising administering another therapeutic agent used to treat severe essential tremor in the rest state.

28. (New) The method of claim 21, further comprising administering propranolol, timolol, alprazolam, clonazepam, diazepam, lorazepam, trazadone, mirtazapine, clonidine, a botulinum toxin injection, gabapentin, primidone, phenobarbital or MK-801.

29. (New) A method for treating action tremor in a subject in need thereof comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition comprising zonisamide or a pharmaceutically acceptable salt thereof.

30. (New) The method of claim 29, wherein the action tremor is postural tremor.

31. (New) The method of claim 29, wherein the action tremor is drug-induced or toxic tremor; primary orthostatic tremor; dystonic tremor; or neuropathic tremor.

32. (New) The method of claim 29, wherein the action tremor is cerebellar tremor.

33. (New) The method of claim 29, wherein the therapeutically effective amount is in the range of about 0.5 mg/kg/day to about 10 mg/kg/day.

34. (New) The method of claim 29, wherein the pharmaceutical composition is administered orally or parenterally to the subject.

35. (New) A method for treating kinetic tremor in a subject in need thereof comprising administering to the subject a therapeutically effective amount of a pharmaceutical composition comprising zonisamide or a pharmaceutically acceptable salt thereof.